

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filed: Concurrently Herewith

For: METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCTS FOR  
AUTOMATICALLY GENERATING NURBS MODELS OF TRIANGULATED  
SURFACES USING HOMEOMORPHISMS

Date: June 29, 2000

BOX PATENT APPLICATION

Assistant Commissioner for Patents

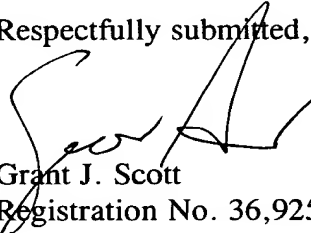
Washington, DC 20231

**APPLICATION FILED UNDER 37 CFR 1.41(c)**

Sir:

The above-identified application is being filed on behalf of the inventor(s),  
Herbert Edelsbrunner, Ping Fu, Dmitry Nekhayev, Michael Facello and Steve Williams,  
resident(s) of North Carolina, under the provisions of 37 CFR 1.41(c). A Declaration and  
Power of Attorney from the inventor will follow, 37 CFR 1.63.

Respectfully submitted,



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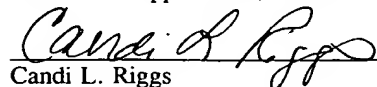
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Candi L. Riggs

Date of Signature: June 29, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney's Docket No. 9220-2

Applicant: Edelsbrunner et al.

Serial No.: To Be Assigned

Filed: Concurrently Herewith

Title: METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCTS FOR  
AUTOMATICALLY GENERATING NURBS MODELS OF TRIANGULATED  
SURFACES USING HOMEOMORPHISMS

**VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 C.F.R. § 1.9(f) & 1.27(c))--SMALL BUSINESS CONCERN**

I hereby declare that I am

☐  
☒

the owner of the small business concern identified below:  
an official of the small business concern empowered to act  
on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN: **Raindrop Geomagic, Inc.**  
ADDRESS OF SMALL BUSINESS CONCERN: **P.O. Box 12219**  
**Research Triangle Park, NC 27709**

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 C.F.R. § 121.1301-1305, and reproduced in 37 C.F.R. § 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

☒  
☐  
☐

the specification filed herewith with title as listed above.  
the application identified above.  
the patent identified above.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 C.F.R. 1.9(c) if that person made the invention, or by any concern which would not

qualify as a small business concern under 37 C.F.R. § 1.9(d), or a nonprofit organization under 37 C.F.R. § 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.  
☐ each such person, concern, or organization is listed below.

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
☐ Individual ☐ Small Business ☐ Nonprofit Organization

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
☐ Individual ☐ Small Business ☐ Nonprofit Organization

Separate verified statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities. (37 C.F.R. § 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: **Ping Fu**  
TITLE OF PERSON OTHER THAN OWNER: **Chairman & CTO**  
ADDRESS OF PERSON SIGNING: **Raindrop Geomagic, Inc.**  
**P.O. Box 12219**  
**Research Triangle Park, NC 27709**

SIGNATURE: Ping Fu  
DATE: 6/28/2000